960270 9260060

FIG. 1

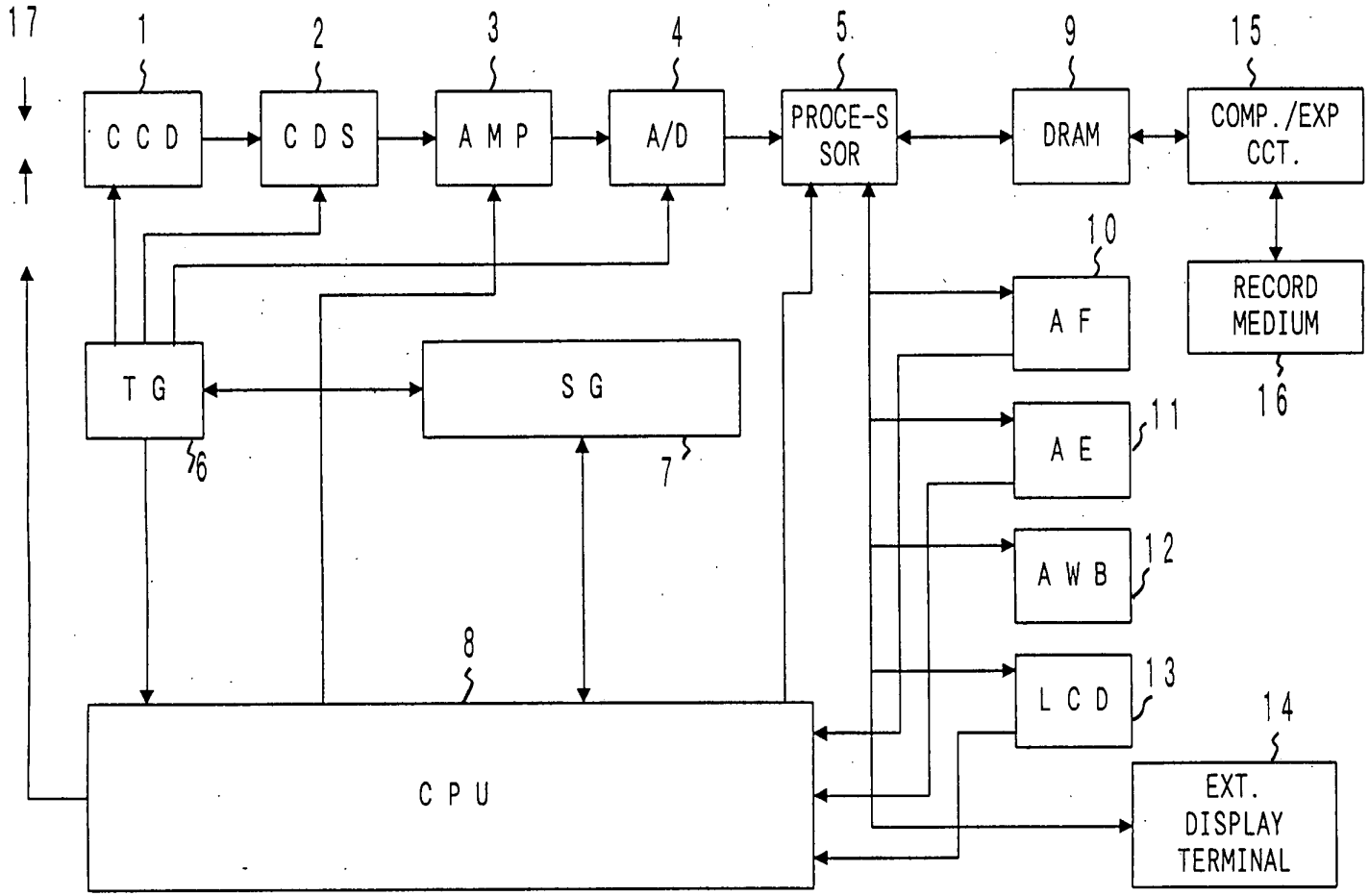
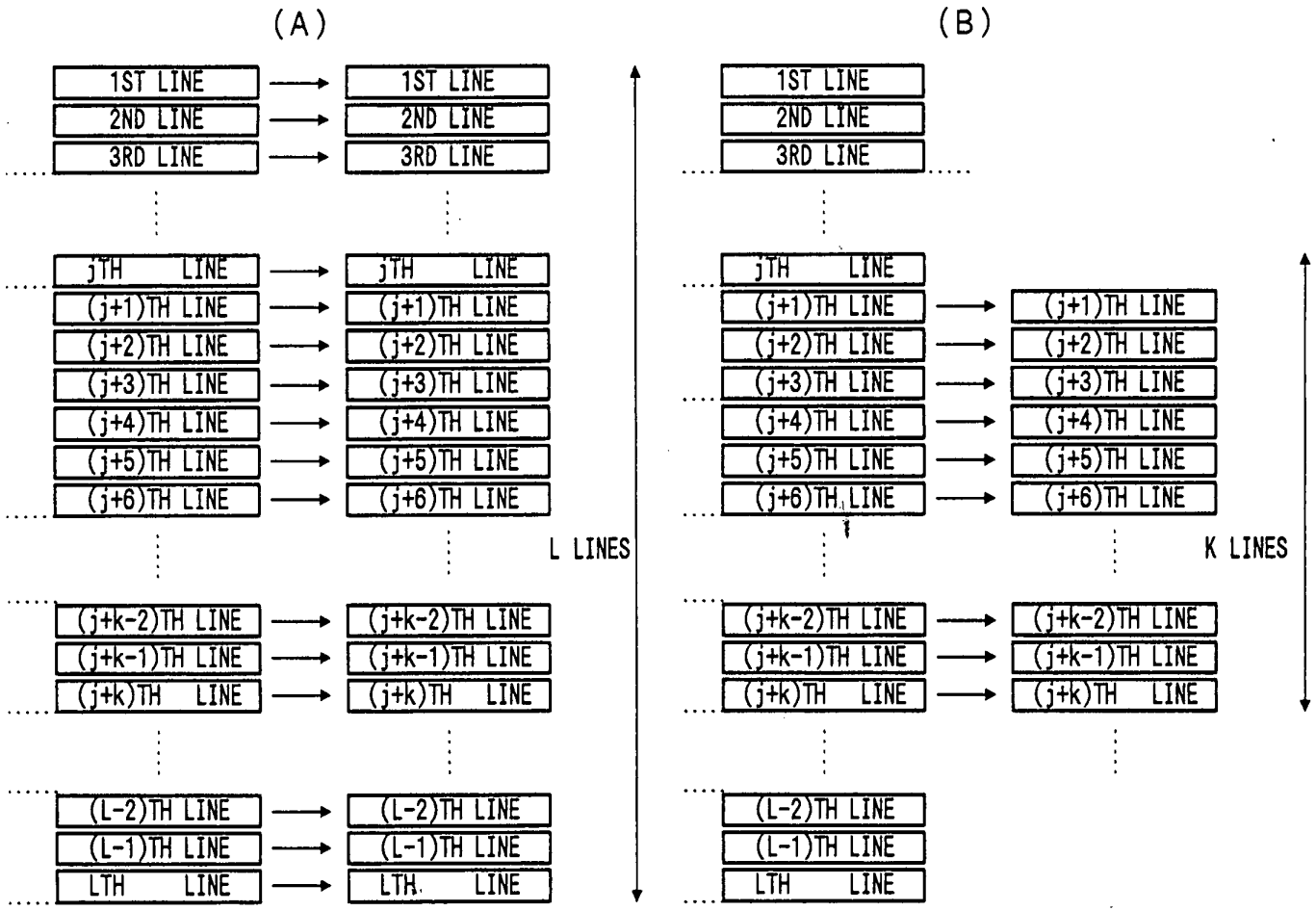


FIG. 2


(A)
1ST LINE
2ND LINE
3RD LINE
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
L LINES
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
(B)
1ST LINE
2ND LINE
3RD LINE
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
K LINES
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE

EP 0 837 601 A2

FIG. 3

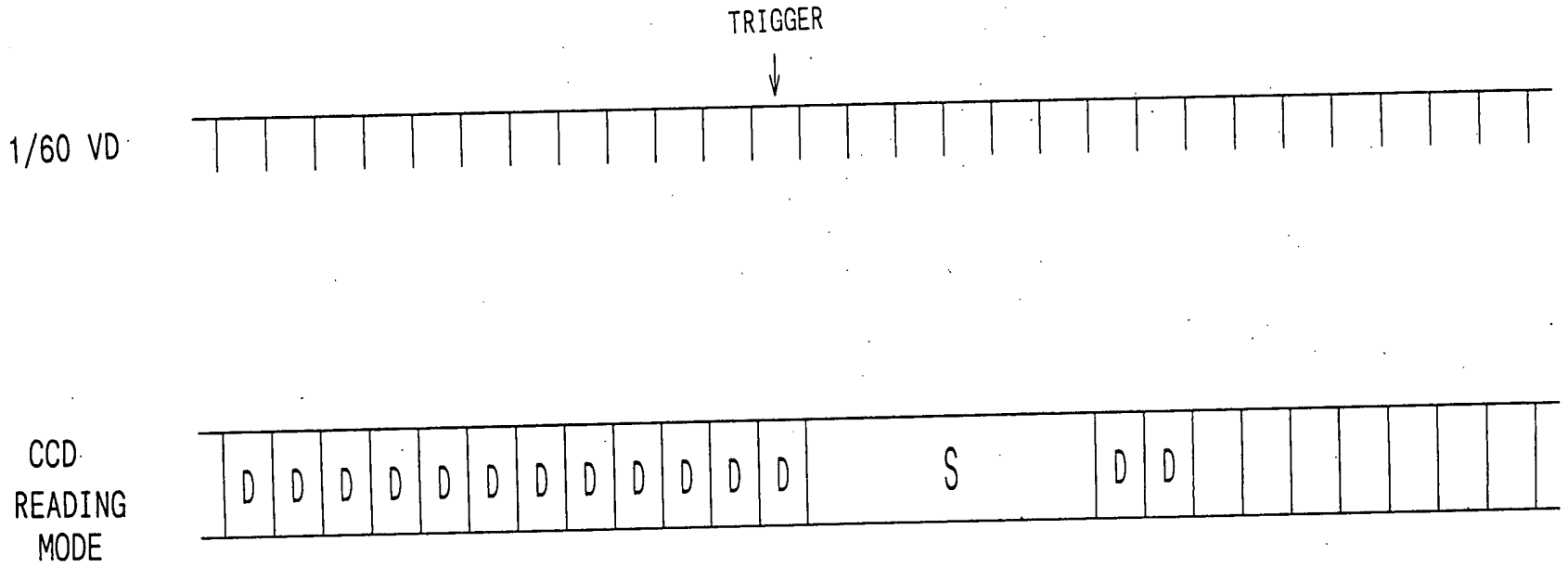


FIG. 4

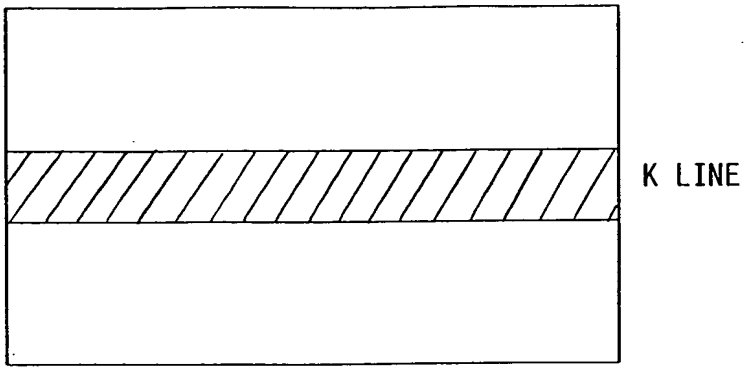
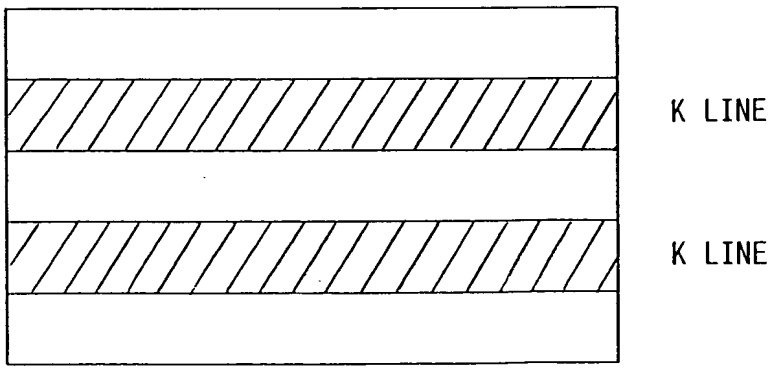


FIG.5



EP 0 992 860 A2

FIG. 6

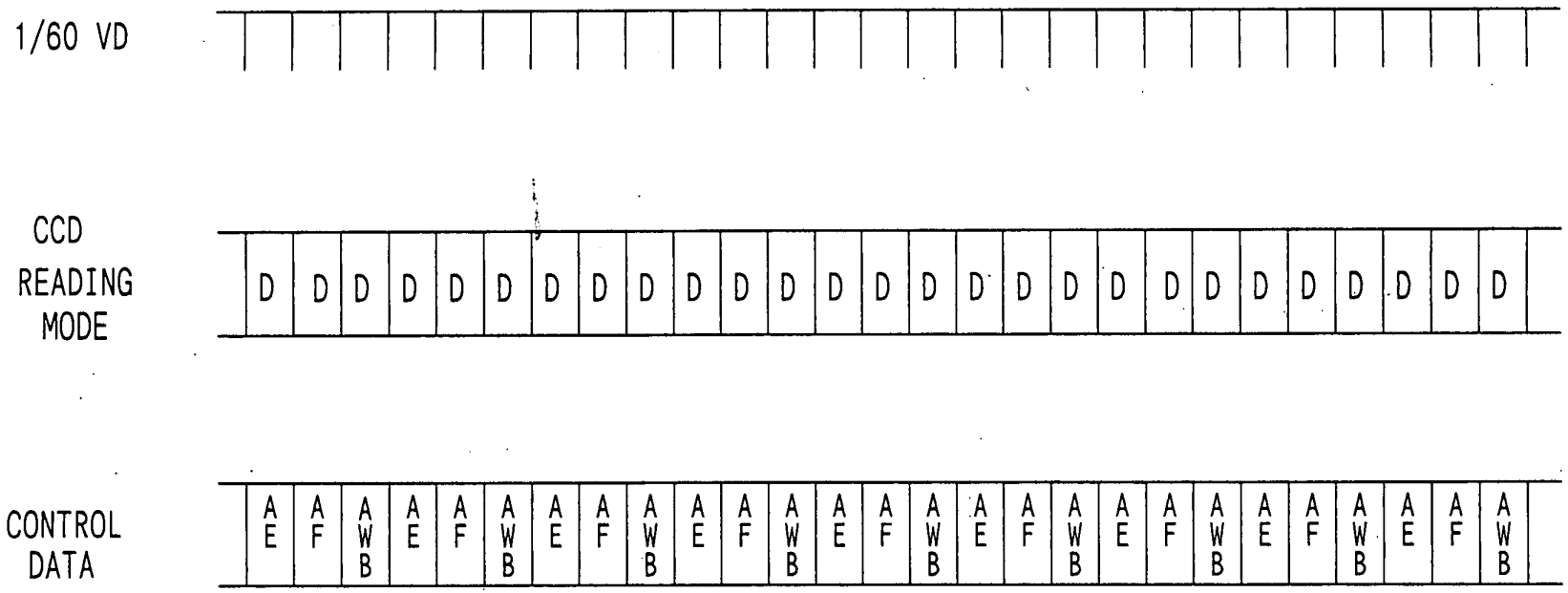


FIG. 7

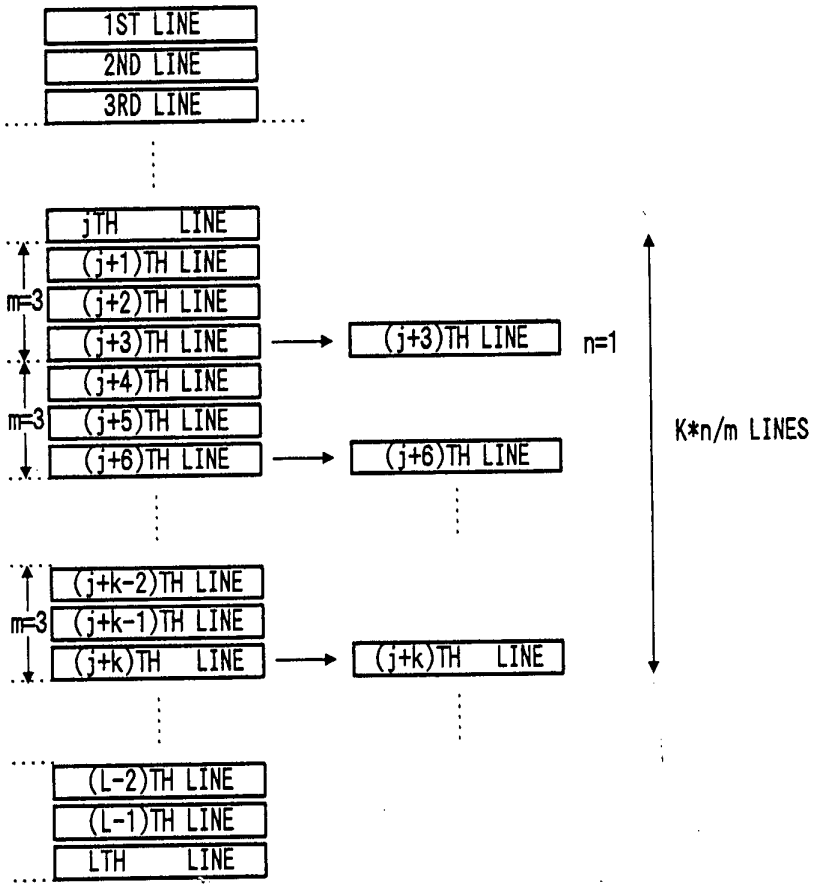

1ST LINE
2ND LINE
3RD LINE
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
m=3
m=3
m=3
(j+3)TH LINE
(j+6)TH LINE
(j+k)TH LINE
n=1
K*n/m LINES

FIG. 8

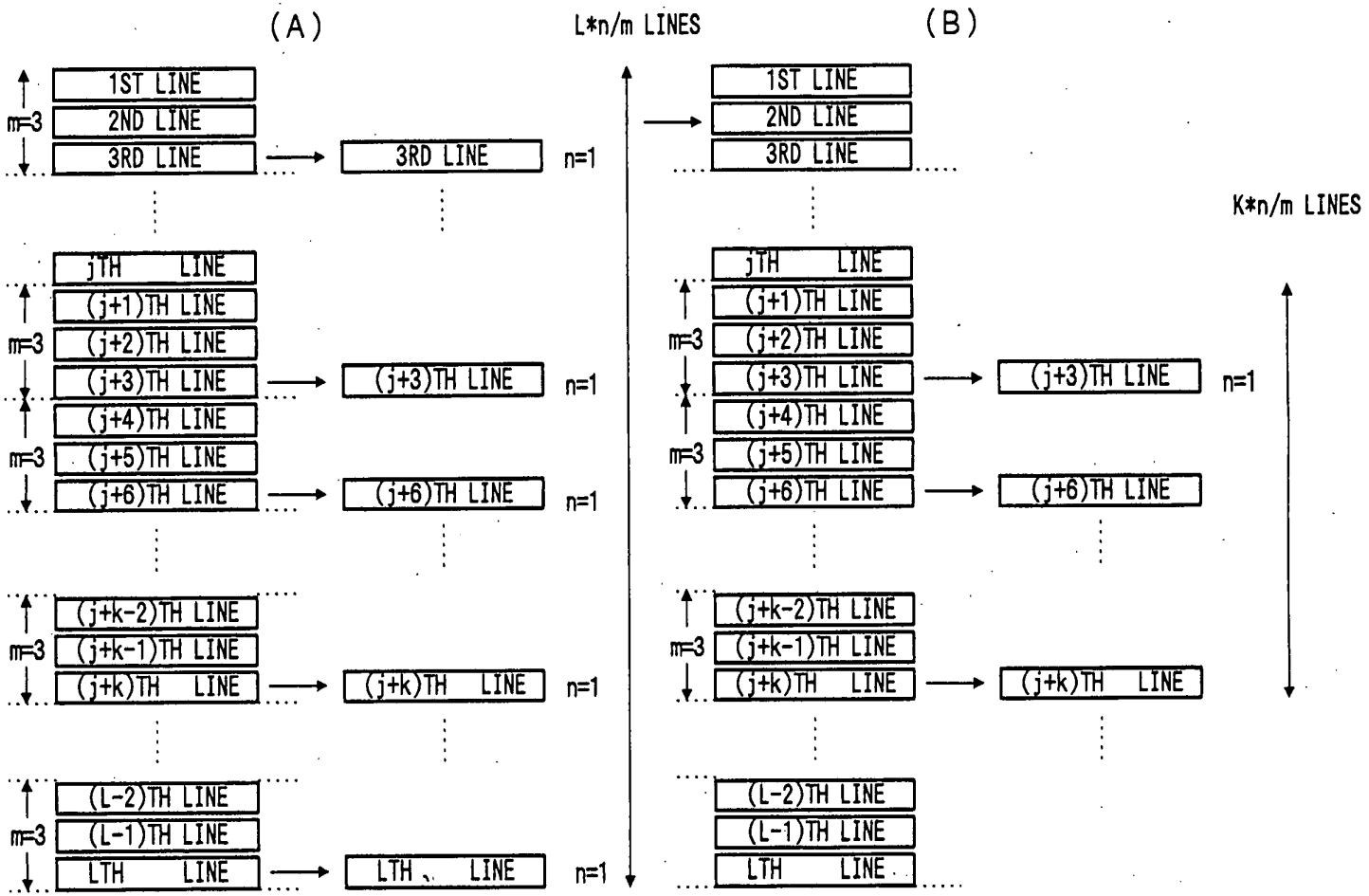

(A)
L*n/m LINES
(B)
K*n/m LINES
1ST LINE
2ND LINE
3RD LINE
m=3
n=1
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE

FIG. 9

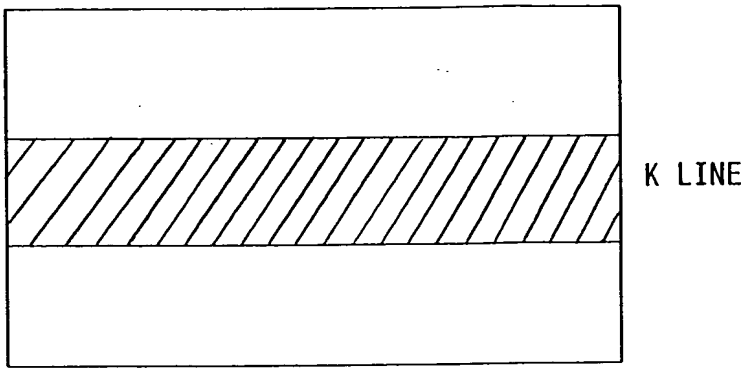


FIG. 10

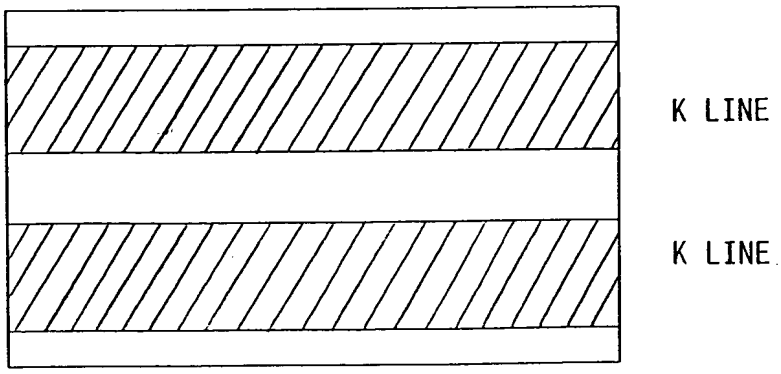
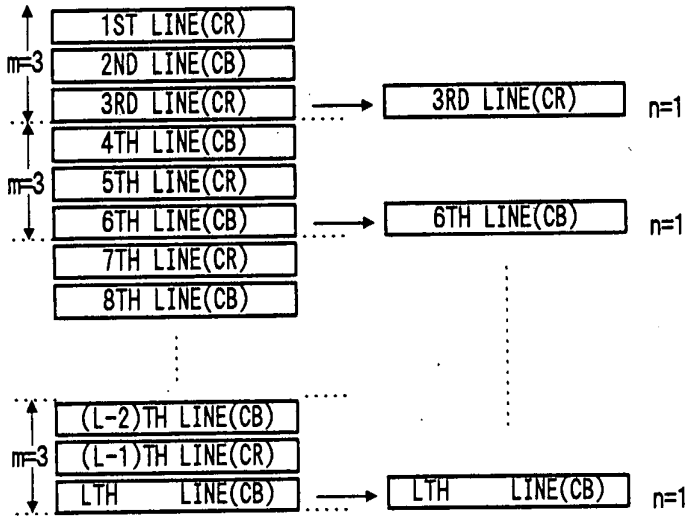


FIG. 11


1ST LINE(CR)
2ND LINE(CB)
3RD LINE(CR)
4TH LINE(CB)
5TH LINE(CR)
6TH LINE(CB)
7TH LINE(CR)
8TH LINE(CB)
(L-2)TH LINE(CB)
(L-1)TH LINE(CR)
LTH LINE(CB)
m=3
m=3
m=3
3RD LINE(CR)
6TH LINE(CB)
LTH LINE(CB)
n=1
n=1
n=1

Sheet 12 of 13 5,262,860

FIG. 12

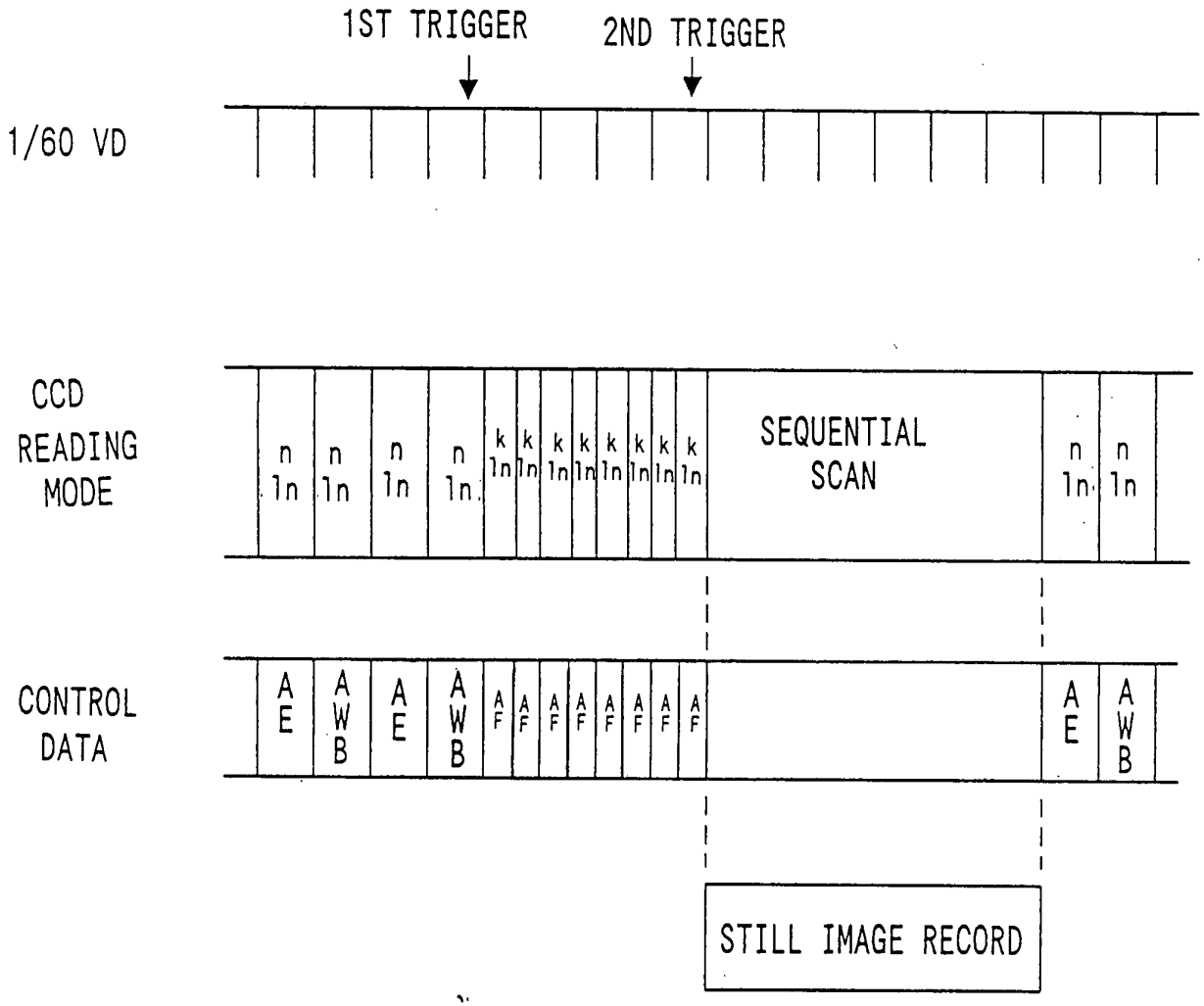


FIG. 13

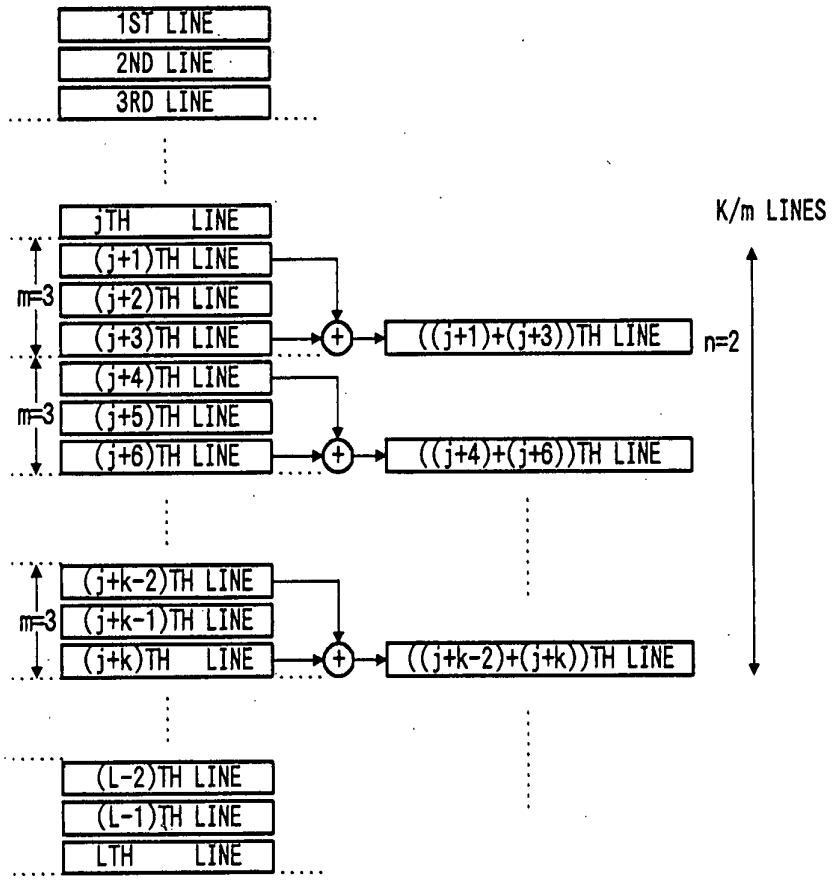

1ST LINE
2ND LINE
3RD LINE
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
m=3
m=3
m=3
((j+1)+(j+3))TH LINE
((j+4)+(j+6))TH LINE
((j+k-2)+(j+k))TH LINE
n=2
K/m LINES

FIG. 14

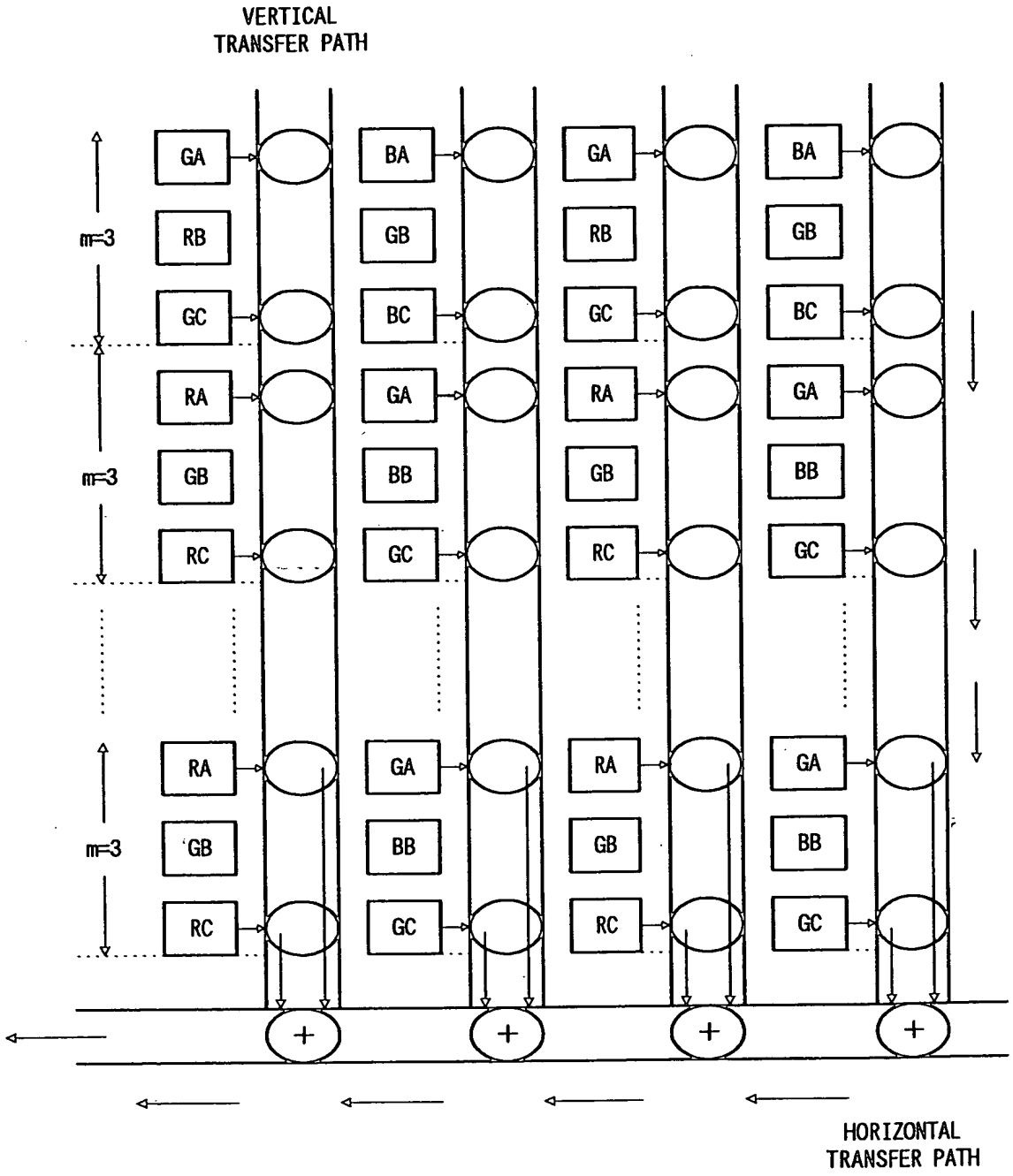

VERTICAL
TRANSFER PATH
m=3
m=3
m=3
GA
RB
GC
RA
GB
RC
BA
GB
BC
GA
BB
GC
GA
RB
GC
RA
GB
RC
BA
GB
BC
GA
BB
GC
RA
GB
RC
GA
BB
GC
HORIZONTAL
TRANSFER PATH

FIG.15

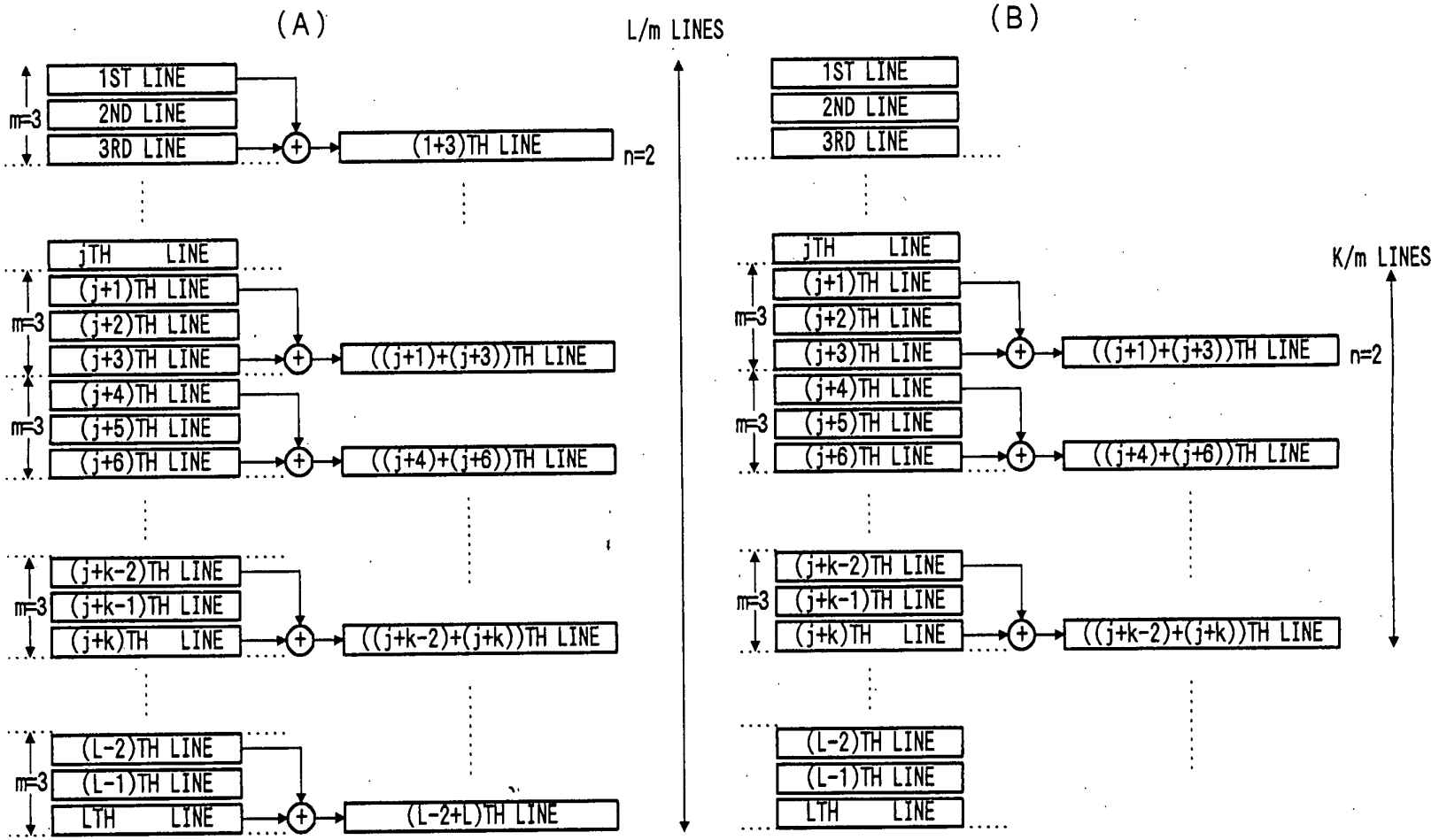

(A)
L/m LINES
1ST LINE
2ND LINE
3RD LINE
m=3
(1+3)TH LINE
n=2
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
((j+1)+(j+3))TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
((j+4)+(j+6))TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
((j+k-2)+(j+k))TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
(L-2+L)TH LINE
(B)
K/m LINES

FIG. 16

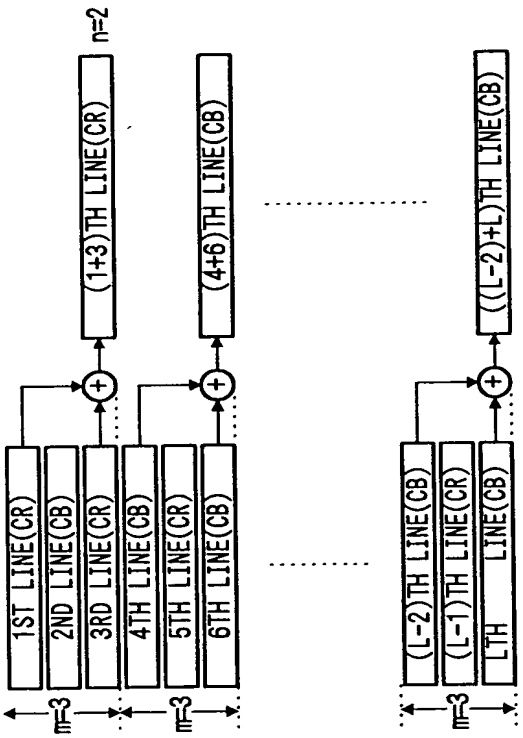

1ST LINE(CR)
2ND LINE(CB)
3RD LINE(CR)
4TH LINE(CB)
5TH LINE(CR)
6TH LINE(CB)
(L-2)TH LINE(CB)
(L-1)TH LINE(CR)
LTH LINE(CB)
m=3
n=2
(1+3)TH LINE(CR)
(4+6)TH LINE(CB)
(((L-2)+L)TH LINE(CB)

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FIG. 17

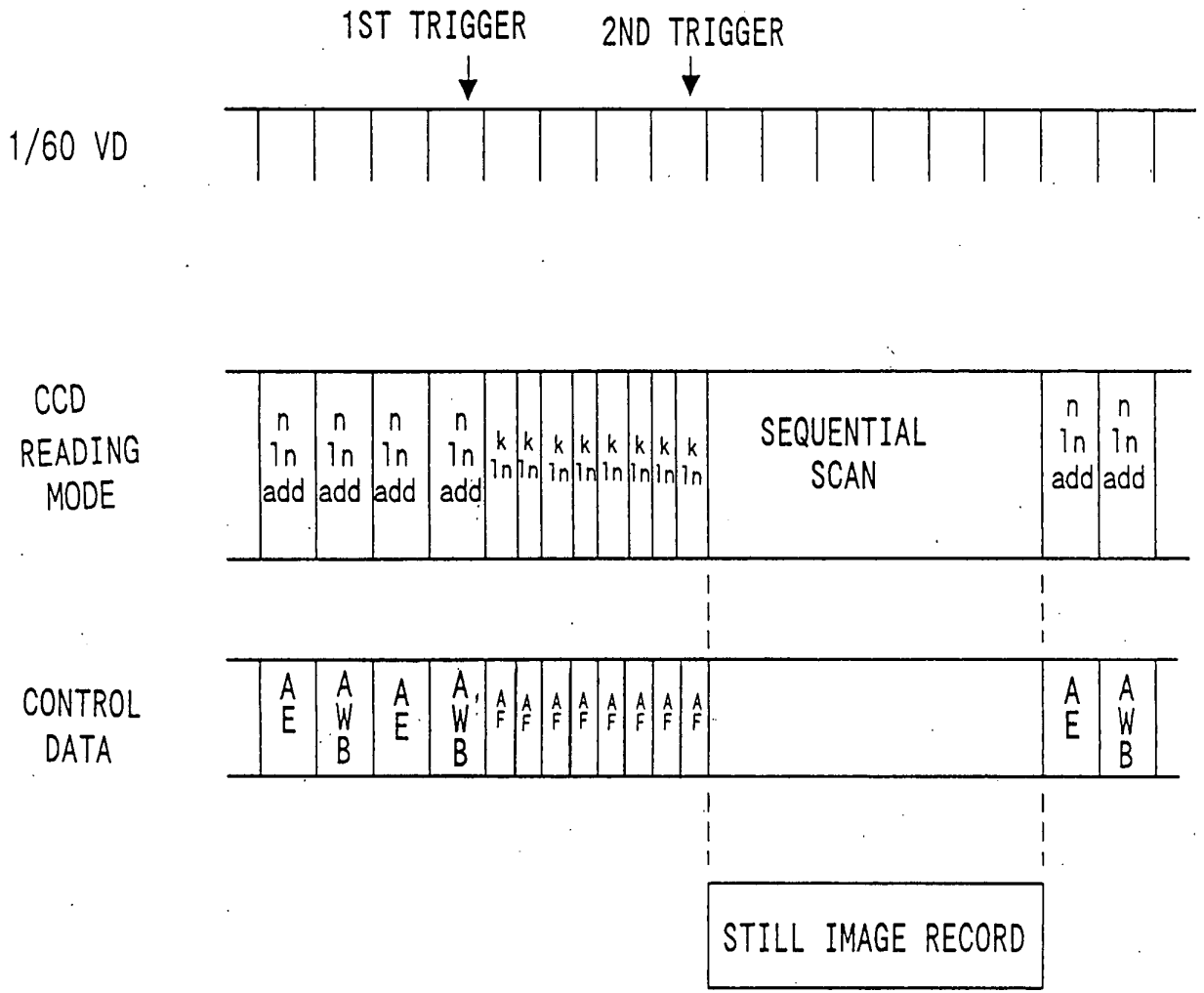


FIG. 18

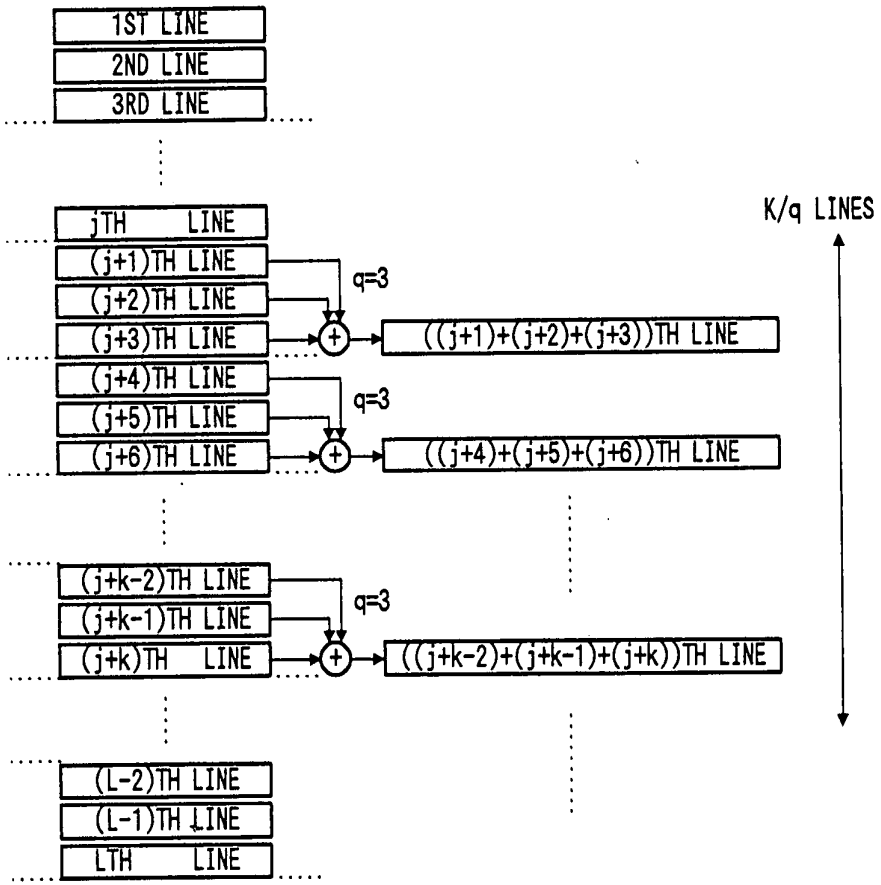

1ST LINE
2ND LINE
3RD LINE
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
q=3
q=3
q=3
((j+1)+(j+2)+(j+3))TH LINE
((j+4)+(j+5)+(j+6))TH LINE
((j+k-2)+(j+k-1)+(j+k))TH LINE
K/q LINES

FIG. 19

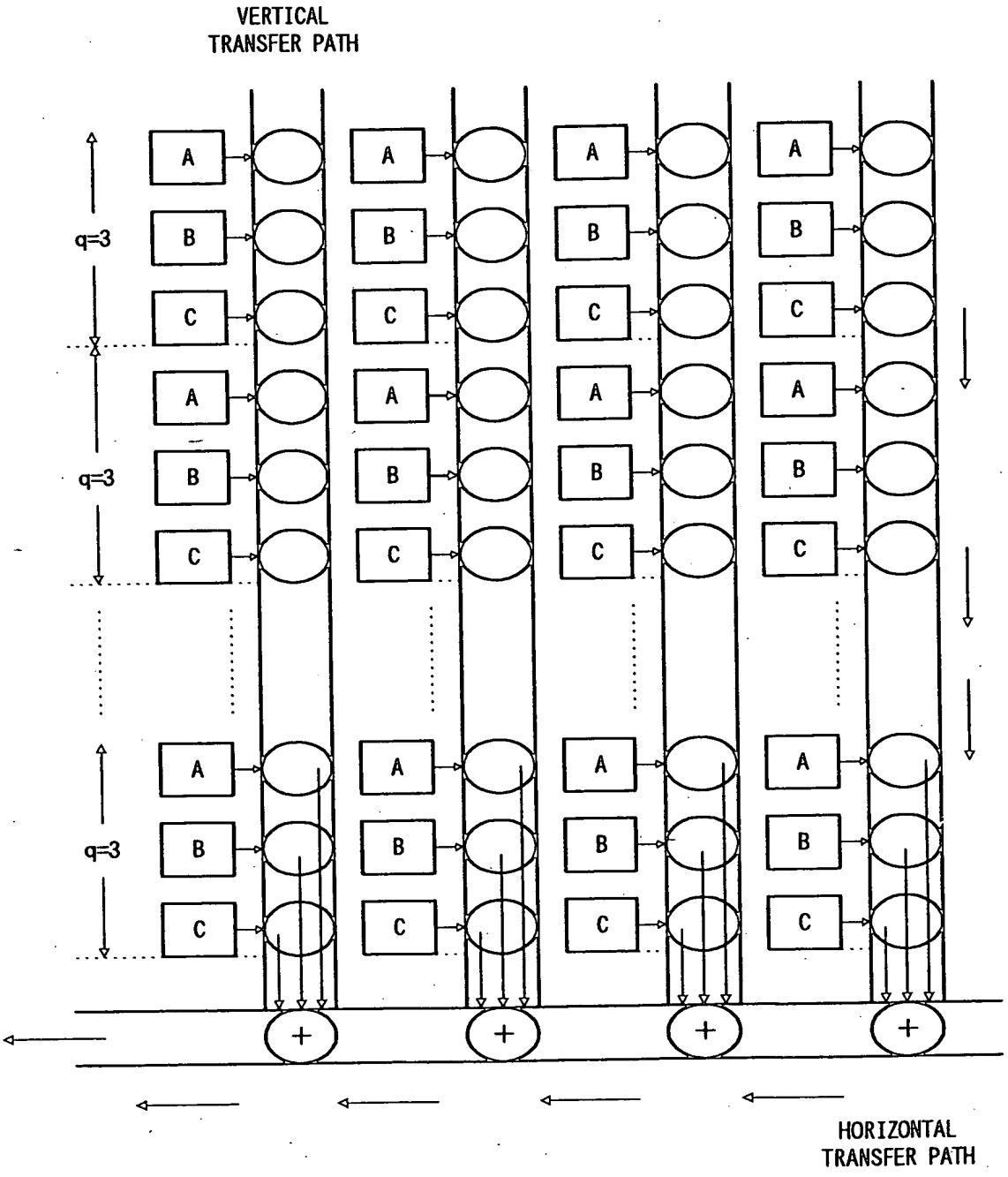

VERTICAL
TRANSFER PATH
q=3
q=3
q=3
A
B
C
HORIZONTAL
TRANSFER PATH

FIG. 20

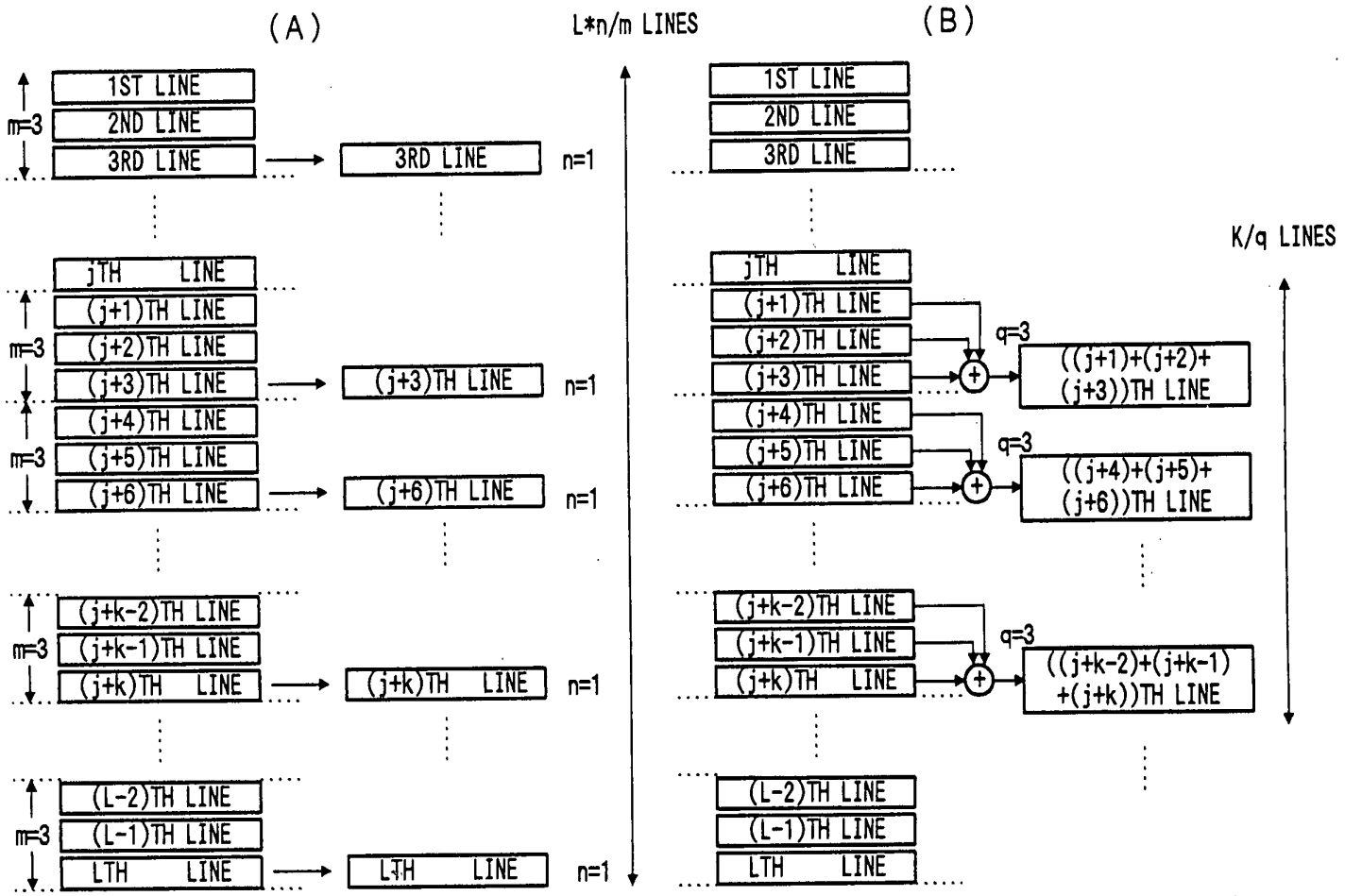

(A)
L*n/m LINES
(B)
1ST LINE
2ND LINE
3RD LINE
m=3
n=1
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
q=3
((j+1)+(j+2)+
(j+3))TH LINE
((j+4)+(j+5)+
(j+6))TH LINE
((j+k-2)+(j+k-1)
+(j+k))TH LINE
K/q LINES

FIG. 21

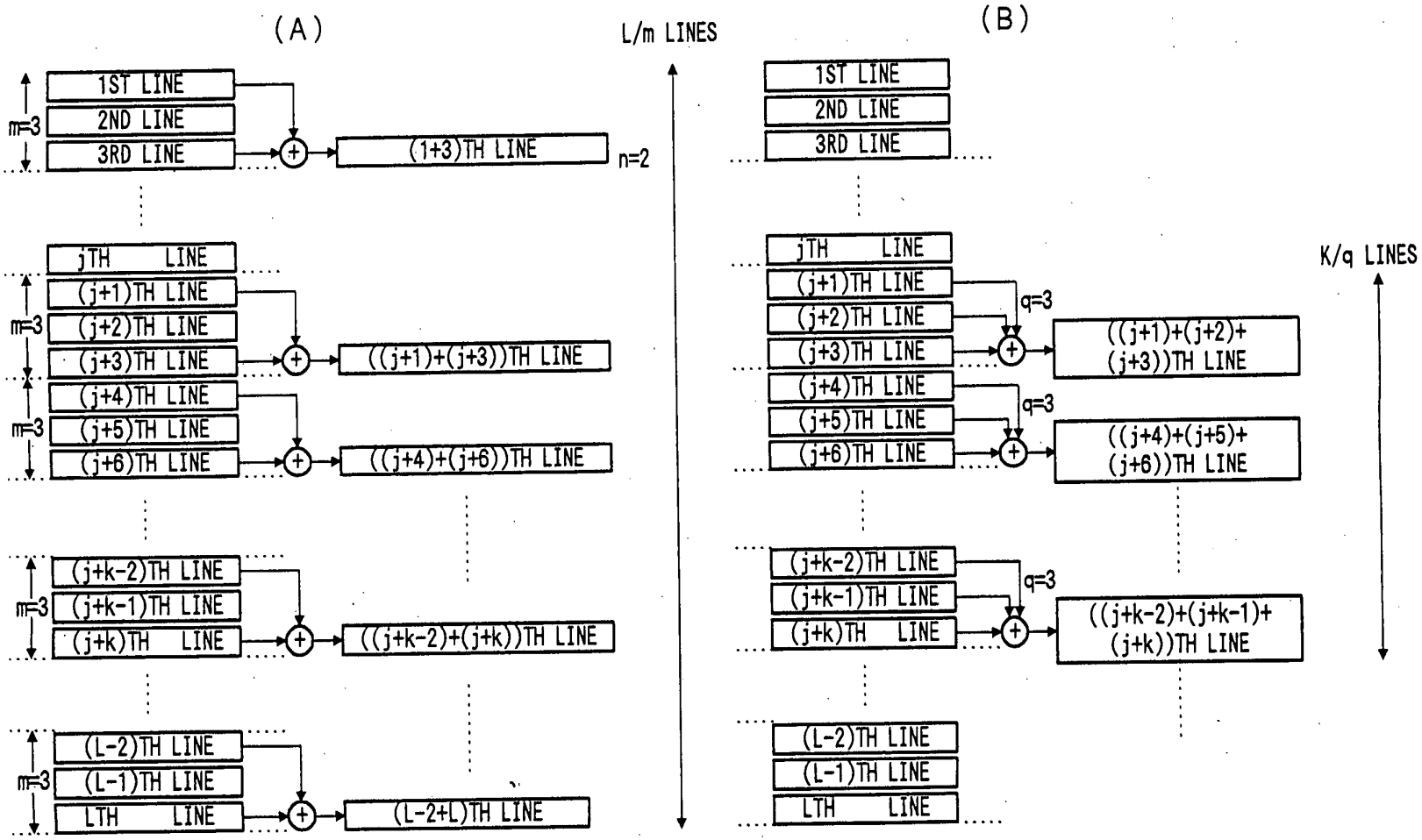
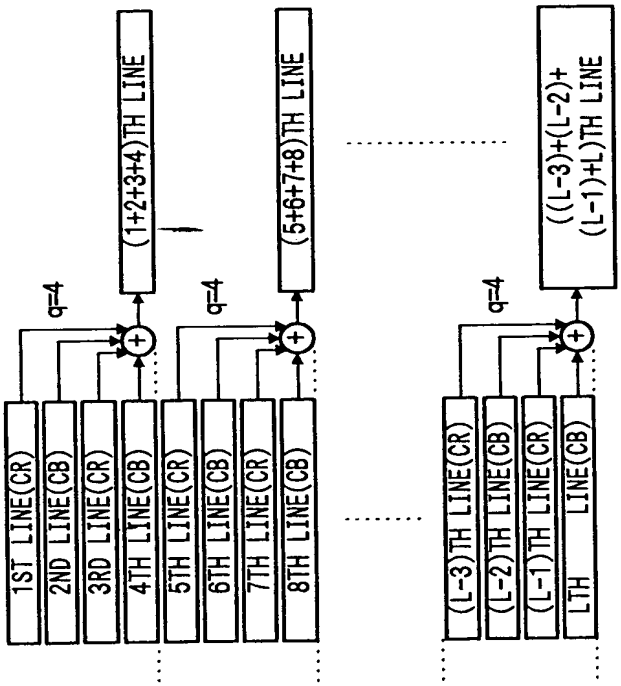

(A)
L/m LINES
1ST LINE
2ND LINE
3RD LINE
m=3
(1+3)TH LINE
n=2
jTH LINE
(j+1)TH LINE
(j+2)TH LINE
(j+3)TH LINE
((j+1)+(j+3))TH LINE
(j+4)TH LINE
(j+5)TH LINE
(j+6)TH LINE
((j+4)+(j+6))TH LINE
(j+k-2)TH LINE
(j+k-1)TH LINE
(j+k)TH LINE
((j+k-2)+(j+k))TH LINE
(L-2)TH LINE
(L-1)TH LINE
LTH LINE
(L-2+L)TH LINE
(B)
K/q LINES
q=3
((j+1)+(j+2)+
(j+3))TH LINE
((j+4)+(j+5)+
(j+6))TH LINE
((j+k-2)+(j+k-1)+
(j+k))TH LINE

FIG. 22


1ST LINE(CR)
2ND LINE(CB)
3RD LINE(CR)
4TH LINE(CB)
5TH LINE(CR)
6TH LINE(CB)
7TH LINE(CR)
8TH LINE(CB)
(L-3)TH LINE(CR)
(L-2)TH LINE(CB)
(L-1)TH LINE(CR)
LTH LINE(CB)
q=4
q=4
q=4
(1+2+3+4)TH LINE
(5+6+7+8)TH LINE
((L-3)+(L-2)+
(L-1)+L)TH LINE

960270 '99260060

FIG. 23

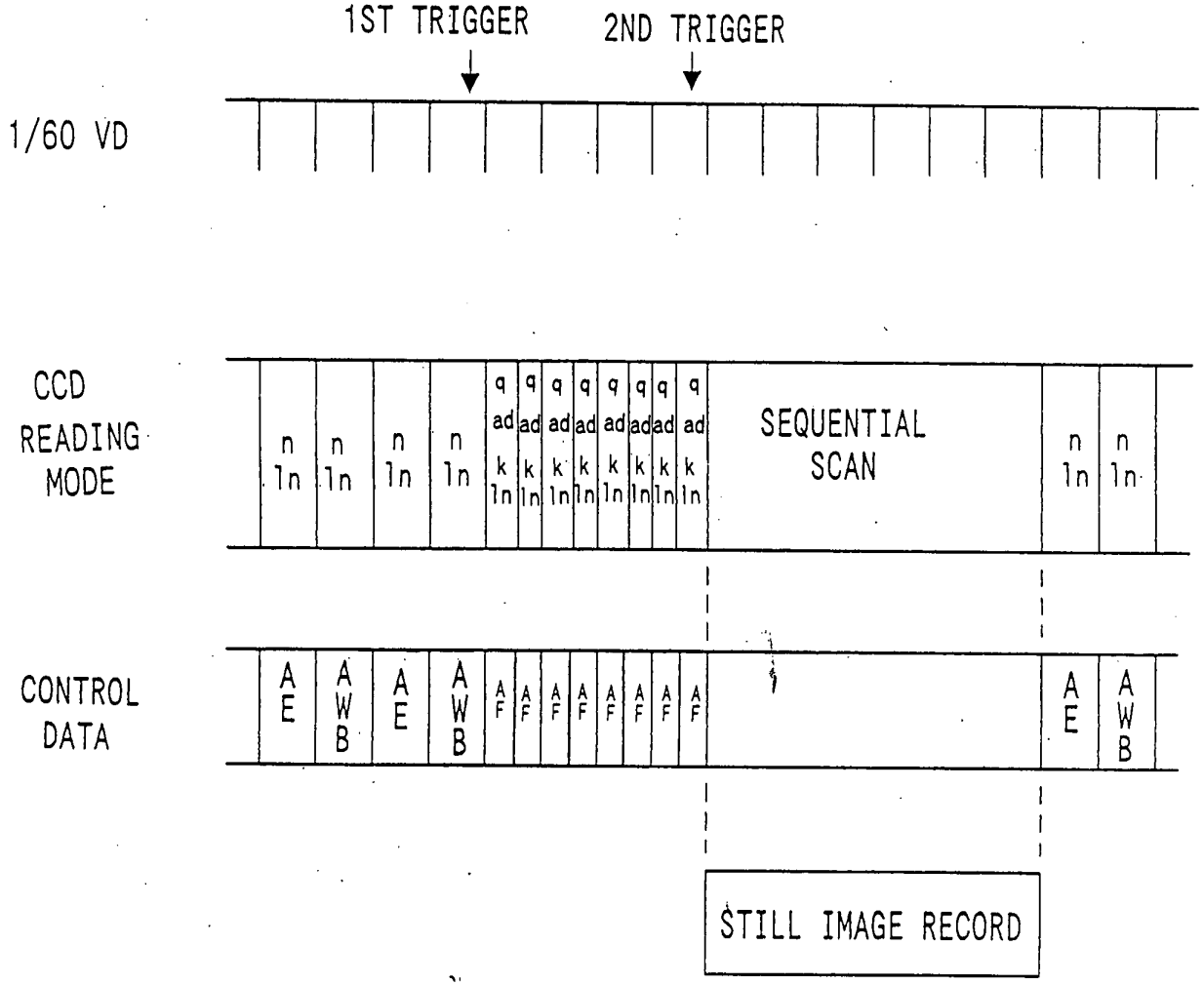


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FIG. 24

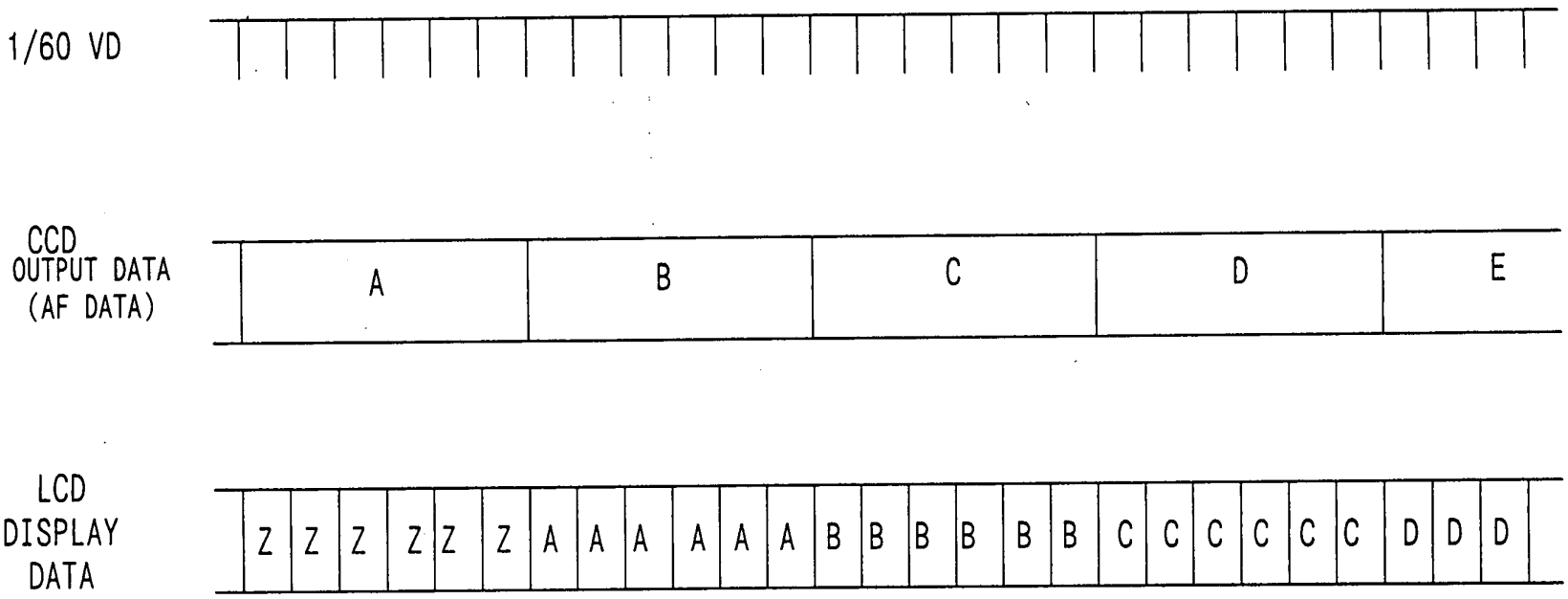


FIG.25

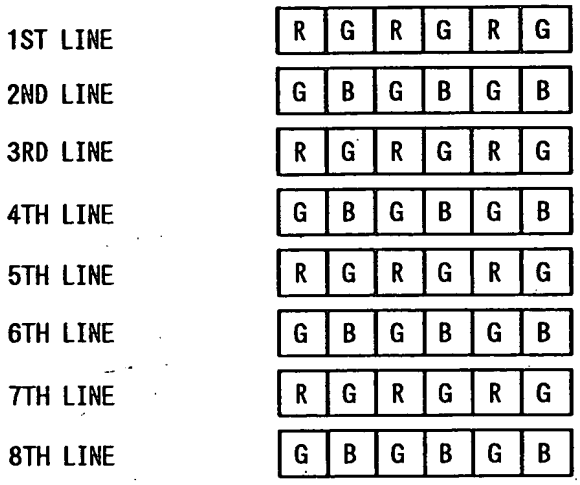
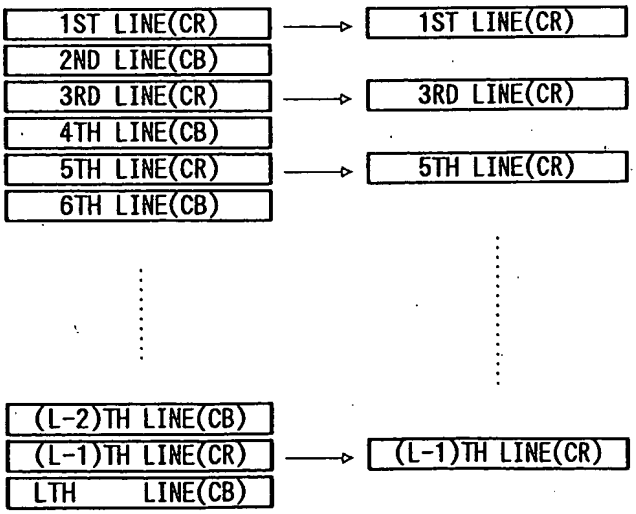

1ST LINE
R G R G R G
2ND LINE
G B G B G B
3RD LINE
R G R G R G
4TH LINE
G B G B G B
5TH LINE
R G R G R G
6TH LINE
G B G B G B
7TH LINE
R G R G R G
8TH LINE
G B G B G B

FIG. 26


1ST LINE(CR)
2ND LINE(CB)
3RD LINE(CR)
4TH LINE(CB)
5TH LINE(CR)
6TH LINE(CB)
1ST LINE(CR)
3RD LINE(CR)
5TH LINE(CR)
(L-2)TH LINE(CB)
(L-1)TH LINE(CR)
LTH LINE(CB)
(L-1)TH LINE(CR)